

Title (en)

AN AEROSOL-GENERATING DEVICE, AND A CAPSULE FOR USE IN AN AEROSOL-GENERATING DEVICE

Title (de)

AEROSOLBILDENDE VORRICHTUNG, UND KAPSEL ZUR VERWENDUNG IN EINER AEROSOLBILDENDEN VORRICHTUNG

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET CAPSULE DESTINÉE À ÊTRE UTILISÉE DANS UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication

EP 3089599 B1 20190213 (EN)

Application

EP 14815321 A 20141216

Priority

- EP 13199892 A 20131231
- EP 2014077920 W 20141216
- EP 14815321 A 20141216

Abstract (en)

[origin: WO2015101479A1] The present invention relates to a capsule for an aerosol-generating device, comprising: a shell comprising a base and at least one side wall extending from the base, the shell containing an aerosol-forming substrate; and a lid sealed on the at least one side wall for forming a sealed capsule, wherein, the base comprises a recess extending into said shell along the longitudinal axis for receiving a heater of an aerosol-generating device. The invention further relates to an aerosol-generating device comprising: a power supply; at least one heater; a cavity for receiving a capsule containing an aerosol-forming substrate according to any of the preceding claims; and a mouthpiece comprising a piercing element for piercing the lid of a capsule; wherein, the at least one heater is configured to be insertable into the recess of a capsule. In addition, an aerosol-generating system is provided which comprises an aerosol-generating device and a capsule.

IPC 8 full level

A24D 1/14 (2006.01); **A24F 1/30** (2006.01); **A24F 40/42** (2020.01); **A24F 40/46** (2020.01); **A61M 11/02** (2006.01); **A61M 11/08** (2006.01); **A61M 13/00** (2006.01); **A61M 15/00** (2006.01); **A61M 15/06** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EA EP KR US)

A24B 15/16 (2013.01 - EA US); **A24B 15/167** (2016.11 - EA KR); **A24F 40/10** (2020.01 - KR); **A24F 40/20** (2020.01 - KR); **A24F 40/42** (2020.01 - EA EP KR US); **A24F 40/46** (2020.01 - EA EP US); **A61M 11/02** (2013.01 - EA EP KR US); **A61M 11/08** (2013.01 - EA EP US); **A61M 13/00** (2013.01 - EA EP US); **A61M 15/0001** (2013.01 - EA); **A61M 15/0011** (2014.02 - EA EP KR US); **A61M 15/0035** (2014.02 - KR); **A61M 15/06** (2013.01 - EA EP KR US); **B29C 43/14** (2013.01 - EA US); **B29C 65/48** (2013.01 - EA US); **B29C 66/53461** (2013.01 - EA US); **B65D 43/14** (2013.01 - EA US); **H05B 3/06** (2013.01 - EA US); **A61M 15/0035** (2014.02 - EA EP US); **A61M 2205/8206** (2013.01 - KR); **A61M 2209/06** (2013.01 - EA EP US); **B29L 2031/7174** (2013.01 - EA US); **B29L 2031/7414** (2013.01 - EA US); **B65D 83/14** (2013.01 - EA EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015101479 A1 20150709; AU 2014375382 A1 20160505; AU 2014375382 B2 20190117; BR 112016012280 A2 20170808; BR 112016012280 B1 20211214; CA 2928678 A1 20150709; CN 105828646 A 20160803; CN 105828646 B 20190726; EA 034534 B1 20200218; EA 201691324 A1 20161031; EP 3089599 A1 20161109; EP 3089599 B1 20190213; ES 2716093 T3 20190610; HK 1225580 A1 20170915; IL 245072 A0 20160630; IL 245072 B 20191031; JP 2017503499 A 20170202; JP 6444418 B2 20181226; KR 102376088 B1 20220318; KR 20160105391 A 20160906; MX 2016008657 A 20170213; MY 179370 A 20201105; PH 12016500648 A1 20160530; PH 12016500648 B1 20160530; PL 3089599 T3 20190628; SG 11201605380W A 20160728; UA 118770 C2 20190311; US 10206430 B2 20190219; US 2016324215 A1 20161110; ZA 201602405 B 20170726

DOCDB simple family (application)

EP 2014077920 W 20141216; AU 2014375382 A 20141216; BR 112016012280 A 20141216; CA 2928678 A 20141216; CN 201480067075 A 20141216; EA 201691324 A 20141216; EP 14815321 A 20141216; ES 14815321 T 20141216; HK 16114069 A 20161209; IL 24507216 A 20160412; JP 2016544100 A 20141216; KR 20167015021 A 20141216; MX 2016008657 A 20141216; MY PI2016701579 A 20141216; PH 12016500648 A 20160408; PL 14815321 T 20141216; SG 11201605380W A 20141216; UA A201606990 A 20141216; US 201415108967 A 20141216; ZA 201602405 A 20160408